RETRACTION NOTE

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Retraction Note: Identification of novel signaling components in N,N'-Dinitrosopiperazine-mediated metastasis of nasopharyngeal Carcinoma by quantitative phosphoproteomics

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Retraction Note: BMC Cancer 14, 243 (2014) https://doi.org/10.1186/1471-2407-14-243

The Editors have retracted this Article. After publication, concerns were raised regarding the data presented in Figs. 2 and 8. Specifically:

- Fig. 2A(c) appears highly similar to Fig. 2c in [1, retracted] and Fig. 2B(b) in [2].
- Subpanels of Fig. 8A appear highly similar to Fig. 6d and f in [1], Fig. 4a (3rd row, 1st column) in [3], Fig. 8c in [4, retracted] and Fig. 6B(c) in [5].

The authors provided the raw data to address these concerns, but the cell images contained further overlap with the raw data submitted for another paper under investigation. The Editors therefore no longer have confidence in the presented data.

Author Faqing Tang has not specifically stated whether they agree with the retraction. Authors Yuejin Li, Na

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Full list of author information is available at the end of the article

Liu, Zhenlin Zhang, Zhengke Peng, Chaojun Duan and Gongjun Tan have not responded to any correspondence from the Editor or Publisher about this retraction. The Publisher has not been able to obtain current email addresses for authors Guangrong Yan, Damao Huang and Xiaowei Tang.

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References

- Tan G, Tang X, et al. Dinitrosopiperazine-mediated phosphorylatedproteins are involved in nasopharyngeal carcinoma metastasis. Int J Mol Sci. 2014;15(11):20054–71. https://doi.org/10.3390/ijms151120054.
- Lu J, Zhang ZL, et al. Cdk3-promoted epithelial-mesenchymal transition through activating AP-1 is involved in colorectal cancer metastasis.
 Oncotarget. 2016;7(6):7012. https://doi.org/10.18632/oncotarget.6875.
- Tang F, Wang D, et al. Berberine inhibits metastasis of nasopharyngeal carcinoma 5–8F cells by targeting Rho kinasemediated Ezrin phosphorylation at threonine 567. J Biol Chem. 2009;284(40):27456–66. https:// doi.org/10.1074/jbc.M109.033795.



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 Zhou S, Lu J, Li Y, et al. RETRACTED ARTICLE: MNAT1 is overexpressed in colorectal cancer and mediates p53 ubiquitin-degradation to promote colorectal cancer malignance. J Exp Clin Cancer Res. 2018;37:284. https://doi.org/10.1186/s13046-018-0956-3.

 Peng Z, Liu N, et al. N, N'-dinitrosopiperazine–mediated heat-shock protein 70-2 expression is involved in metastasis of nasopharyngeal carcinoma. PLoS one. 2013;8(5):e62908. https://doi.org/10.1371/journal. pone.0062908.

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